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## EUROPEAN PATENT APPLICATION

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DE FR GB NL(72) Inventor:  
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(30) Priority: 28.02.1995 JP 40454/95

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(54) Recording medium, apparatus and method of recording data on the same, and apparatus and method of reproducing data from the recording medium

(57) In an apparatus and method of reproducing a data unit consisting of a stream of packs of main picture data, a data unit consisting of a stream of packs of audio data, and a data unit consisting of a stream of packs of sub-picture data, which recorded on an optical disk (10) and which are reproducible in the same time slot, reproduction data of the data unit including the sub-picture data is reproduced is reproduced by a sub-picture decoder section (62) after reproduction data of the data

unit including the audio data and reproduction data of the data unit including the video data are simultaneously reproduced by a video decoder section (58) and an audio decoder section (60), and after the reproduction data of the data unit including the sub-picture, the reproduction data of the data unit including the audio data and the reproduction data of the data unit including the video data are simultaneously reproduced again.

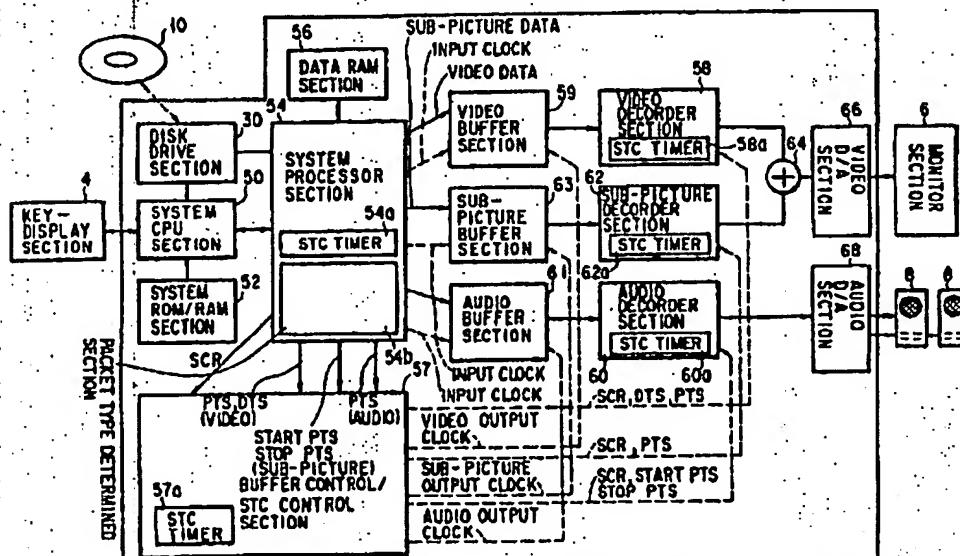


FIG. 1

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0730 272 A3



## EUROPEAN SEARCH REPORT

Application Number  
EP 96 10 3001

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.):
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A	WO 94 10664 A (KIM YOUNG SUN :KIM YOUNG MIN (KR)) 11 May 1994  * the whole document *	1,3,5,7, 13,19, 25,31, 38,45, 52,59, 65,71,78  -/-	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		1 February 1999	Daalmans, F
CATEGORY OF CITED DOCUMENTS			
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O : non-patent disclosure		L : document cited for other reasons	
P : intermediate document		S : member of the same patent family, corresponding document	



## EUROPEAN SEARCH REPORT

Application Number  
EP 96 10 3001

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)						
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 308 (P-1555), 11 June 1993 & JP 05 027730 A (MITSUBISHI ELECTRIC CORP), 5 February 1993  * abstract * * &JP 05 027730 A: figures 1-6 *	1,3,5,7, 13,19, 25,31, 37,38, 44,45, 51,52, 58,59, 65,71, 77,78,84	TECHNICAL FIELDS SEARCHED (Int.Cl.6)						
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P,A	EP 0 644 692 A (K.K.TOSHIBA) 22 March 1995  * the whole document *	1,2,7, 12,13, 18,19, 24,25, 30,31, 36,38, 43,45, 50,52, 57,59, 64,65, 70,71,76							
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>1 February 1999</td> <td>Daalmans, F</td> </tr> </table> <p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : Intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons R : member of the same patent family, corresponding document</p>				Place of search	Date of completion of the search	Examiner	THE HAGUE	1 February 1999	Daalmans, F
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ANNEX TO THE EUROPEAN SEARCH REPORT  
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